**Application No.: 10/574,265 Art Unit 1787** 

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application.

**Listing of Claims:** 

1. (Currently Amended) A molded composite article in which a resin member

comprising a non-urethane thermoplastic resin and a resin member comprising a thermoplastic

polyurethane resin are directly joined bonded with each other, wherein

the non-urethane thermoplastic resin is a non-urethane thermoplastic resin (Ib) which is

(Ib-1) a polyamide resin comprising a polyamide component having an alicyclic ring and

contains a terminal amino group in a concentration of not less than 15 mmol/kg, wherein a part

of or all the terminal amino group is an alicyclic amino group, or (Ib-2) a resin composition

comprising a non-urethane thermoplastic resin and an amino group-containing compound,

the non-urethane thermoplastic resin (Ib) has an amino group in a concentration of not

less than 15 mmol/kg,

in the polyamide resin (Ib-1), the polyamide component having an alicyclic ring is at

least one member selected from the group consisting of

an alicyclic polyamide resin,

an alicyclic polyamide elastomer, and

a polyamide component having an alicyclic ring comprising an alicyclic polyamide

component and a non-alicyclic polyamide component, wherein said alicyclic polyamide

component is at least one member selected from the group consisting of an alicyclic polyamide

resin, an alicyclic polyamide elastomer and an alicyclic polyamide oligomer; and said non-

alicyclic polyamide component is at least one member selected from the group consisting of an

aliphatic polyamide resin and an aromatic polyamide resin,

in the resin composition (Ib-2), the non-urethane thermoplastic resin comprises at least

one member selected from the group consisting of a polyamide resin, a polyester resin, a

polycarbonate resin, and a polyphenylene sulfide resin.

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the amino group-containing compound is a polyamide oligomer having a number average

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molecular weight of 2000 to 9000, and

the thermoplastic polyurethane resin is a thermoplastic polyurethane elastomer.

2-5. (Canceled)

6. (Previously Presented) A molded composite article according to Claim 1, wherein in

the non-urethane thermoplastic resin (Ib-1), the polyamide component having an alicyclic ring is

obtained by using an alicyclic diamine as a diamine component.

7. (Previously Presented) A molded composite article according to Claim 1, wherein the

non-urethane thermoplastic resin (Ib) is the non-urethane thermoplastic resin (Ib-1) comprising a

polyamide resin, and the proportion (molar ratio) of an alicyclic monomer residue relative to

other monomer residue in all polyamide components constituting the polyamide resin is 100/0 to

0.1/99.9.

8. (Previously Presented) A molded composite article according to Claim 1, wherein the

non-urethane thermoplastic resin (Ib) is the resin composition (Ib-2).

9. (Previously Presented) A molded composite article according to Claim 1, wherein in

the resin composition (Ib-2), the amino group-containing compound has a plurality of primary

amino groups in the molecule.

10. (Previously Presented) A molded composite article according to Claim 1, wherein in

the resin composition (Ib-2), the amino group-containing compound has an amino group in a

concentration of 40 to 1000 mmol/kg.

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11. (Previously Presented) A molded composite article according to Claim 1, wherein in

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the resin composition (Ib-2), the amino group-containing compound has an amino group in a

concentration of 50 to 700 mmol/kg.

12. (Previously Presented) A molded composite article according to Claim 1, wherein

the non-urethane thermoplastic resin (Ib) is the resin composition (Ib-2), and the proportion of

the amino group-containing compound is 0.01 to 20 parts by weight relative to 100 parts by

weight of the non-urethane thermoplastic resin.

13. (Previously Presented) A molded composite article according to Claim 1, wherein

the non-urethane thermoplastic resin (Ib) is the resin composition (Ib-2) and the non-urethane

thermoplastic resin is at least one selected from the group consisting of a polyamide resin, a

polyester resin, and a polyphenylene sulfide resin.

14. (Previously Presented) A molded composite article according to Claim 1, wherein

the resin member comprising the non-urethane thermoplastic resin (Ib) is directly joined to the

resin member comprising at least one thermoplastic polyurethane resin selected from the group

consisting of a polyester urethane elastomer and a polyether urethane elastomer.

15-18. (Canceled)

19. (Original) A molded composite article according to Claim 1, which is a shoe member

or a roll member.

20-21. (Canceled)

22. (Withdrawn) A process for producing a molded composite article recited in claim 1,

which comprises

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heating at least one resin selected from the group consisting of the non-urethane-series thermoplastic resin and the thermoplastic polyurethane-series resin, and

joining the both resins with each other.

## 23. (Withdrawn) A process according to Claim 22, which comprises

heating at least one resin selected from the group consisting of the non-urethaneseries thermoplastic resin and the thermoplastic polyurethane-series resin to be molten, bringing at least one resin in the molten state into contact with the other resin, and

joining both resins with each other.

24. (Withdrawn) A process according to Claim 22, wherein the non-urethane-series thermoplastic resin and the thermoplastic polyurethane-series resin are joined with each other in the molding process by a molding method selected from the group consisting of a thermoforming, an injection molding, an extrusion molding, and a blow molding.

## 25. (Canceled)